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TEST REPORT

Clients	Construction of Multi Utility Building for Allalsandra Swimming Pool in Ward No. 04
Project	Bruhat Bangalore Mahanagara Palike
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/S, KRIDL Banglore
Total Weight:	10000 gms

SIEVE ANALYSIS

Type of Material	12.5 mm down size		Proposed Use	CONCRETE	
Sample Location	Plant		Date of Sampling	24/05/18	
			Date of Testing	24/05/18	
IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	663	663	6.63	93.37	90-100
10.0	4568	5231	52.31	47.69	40-85
4.75	4489	9720	97.20	2.80	0-10
Pan	280	10000			-

Remarks : Satisfactory / Not Satisfactory

Consultant's Representative

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SIEVE ANALYSIS

Type of Material	12.5 mm down size	Proposed Use	CONCRETE
Sample Location	Plant	Date of Sampling	24/05/18
		Date of Testing	24/05/18

IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	674	674	6.74	93.26	90-100
10.0	4251	4925	49.25	50.75	40-85
4.75	4474	9399	93.99	6.01	0-10
Pan	601	10000			

Remarks : Satisfactory / Not Satisfactory

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SIEVE ANALYSIS

Type of Material	12.5 mm down size	Proposed Use	CONCRETE	
Sample Location	Plant	Date of Sampling	24/05/18	
		Date of Testing	24/05/18	

IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	684	684	6.84	93.16	90-100
10.0	3256	3940	39.40	60.60	40-85
4.75	5425	9365	93.65	6.35	0-10
Pan	635	10000			

Remarks : Satisfactory / Not Satisfactory

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Test Report on Compressive Strength of Concrete Cubes

Project	Construction of Multi Utility Building for Allalsandra Swimming Pool in Ward No. 04
Client	Bruhat Bangalore Mahanagara Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/S, KRIDL Banglore
Grade of concrete:	M15
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	31.05.18	7 days	8.100	22500	211	9.38	9.21
2	24.05.18	31.05.18	7 days	8.120	22500	206	9.16	
3	24.05.18	31.05.18	7 days	8.140	22500	205	9.11	

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Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	21.06.18	28 days	8.170	22500	344	15.29	15.14
2	24.05.18	21.06.18	28 days	8.160	22500	338	15.02	
3	24.05.18	21.06.18	28 days	8.162	22500	340	15.11	

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Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	31.05.18	7 days	8.140	22500	211	9.38	9.29
2	24.05.18	31.05.18	7 days	8.120	22500	212	9.42	
3	24.05.18	31.05.18	7 days	8.142	22500	204	9.07	

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Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	21.06.18	28 days	8.140	22500	339	15.07	15.07
2	24.05.18	21.06.18	28 days	8.146	22500	338	15.02	
3	24.05.18	21.06.18	28 days	8.145	22500	340	15.11	

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TEJUS CONSULTANTS
No. 58, 3rd main, 6th Cross, 1st Stage KHB Colony, Basaveshwaranagar, Bangalore - 560079, O : +91 80 23287532, tejusconsultants@gmail.com

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Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	31.05.18	7 days	8.102	22500	204	9.07	9.16
2	24.05.18	31.05.18	7 days	8.106	22500	206	9.16	
3	24.05.18	31.05.18	7 days	8.110	22500	208	9.24	

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Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	21.06.18	28 days	8.120	22500	340	15.11	15.27
2	24.05.18	21.06.18	28 days	8.160	22500	349	15.51	
3	24.05.18	21.06.18	28 days	8.148	22500	342	15.20	

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Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	31.05.18	7 days	8.152	22500	208	9.24	9.24
2	24.05.18	31.05.18	7 days	8.162	22500	207	9.20	
3	24.05.18	31.05.18	7 days	8.168	22500	209	9.29	

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Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	21.06.18	28 days	8.122	22500	341	15.16	15.20
2	24.05.18	21.06.18	28 days	8.134	22500	343	15.24	
3	24.05.18	21.06.18	28 days	8.138	22500	342	15.20	

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Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	31.05.18	7 days	8.182	22500	208	9.24	9.26
2	24.05.18	31.05.18	7 days	8.188	22500	207	9.20	
3	24.05.18	31.05.18	7 days	8.124	22500	210	9.33	

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Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.05.18	21.06.18	28 days	8.140	22500	341	15.16	15.21
2	24.05.18	21.06.18	28 days	8.142	22500	346	15.38	
3	24.05.18	21.06.18	28 days	8.146	22500	340	15.11	

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